

Peak District National Park

Forecast valid from 06:00 on Wednesday 18 Oct 2023 until 23:59 on Thursday 19 Oct 2023

Forecast Issued on Wednesday 18 Oct 2023 at 01:08

Confidence: High at first but lower for rainfall detail through the week.

Headline for Wednesday 18 Oct 2023: Mainly dry until the evening but very windy on Wednesday.

Mountain weather hazards on Wednesday 18 Oct 2023

Blizzards

No Likelihood

Gales

High Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

Low Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Cloudy	Cloudy	Cloudy	Cloudy	Heavy Rain	Heavy Rain
Precipitation probability					
10%	10%	10%	10%	40%	80%

Forecast for Wednesday 18 Oct 2023

Weather: A mainly dry day with some sunny spells through the morning and into the afternoon. Low cloud affecting hill tops later in the afternoon, increasing into the evening with rain following behind later. This rain turning heavy later in the evening. Strong winds throughout.

Chance of cloud-free hill tops above 600m: 80-90%, decreasing to 20% later in the evening.

Low cloud and visibility: Scattered low cloud base 700-800m during the latter part of the afternoon, increasing from the south and lowering to 400-600m through the evening. Visibility generally good but reducing to moderate in rain later.

Forecast for Wednesday 18 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	33/44 E	30/41 E	28/39 E	30/41 E	28/38 E	31/44 E	21/29 E
300	25/39 E	25/38 E	25/37 E	28/43 E	26/40 E	26/40 E	14/22 E
Valley	20/38 E	19/39 E	20/39 E	22/43 E	22/44 E	20/42 E	14/30 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/-0	7/1	9/4	9/5	8/3	8/3	9/5
300	8/4	10/5	12/8	12/8	11/7	11/7	11/9
Valley	9/5	10/7	13/9	13/9	11/8	11/8	12/9
Freezing Level*	2000m	3000m	3200m	3200m	3200m	3400m	3400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Be aware of strong winds, particularly at height, despite the otherwise fine conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 18 Oct 2023	0mm	0mm	0mm

Forecast for Thursday 19 Oct 2023

Weather: Heavy rain pushing northwards through the early hours, briefly drier for a time during the morning but further outbreaks of rain, heavy at times, expected through the day. Winds less strong compared to Wednesday.

Maximum wind: East or southeasterly 15-20mph gusting 25-30mph

Chance of cloud-free hill tops above 600m: 20%

Low cloud and visibility: Broken low cloud base 400-600m throughout much of the day. Visibility moderate in rain, improving to good at lower levels in drier interludes.

Temperature: **Valleys:** Plus 12 rising to plus 15 Celsius
At 600m: Plus 10 rising to plus 12 Celsius
Freezing level: Above summits